



Product Evaluation

WIN2168 | 1216

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2168

Effective Date: December 1, 2016

Re-evaluation Date: February 2018

Product Name: Camelot Crusader Vinyl Horizontal Slider Windows, Frame and Fin Installation, Non-Impact Resistant

Manufacturer: Northeast Building Products
4280 Aramingo Ave
Philadelphia, PA 19124
(215) 535-7110

General Description:

| System | Description | Label Rating | Design Pressure |
|--------|--|-------------------------|-----------------|
| 1 | Camelot Crusader Vinyl Horizontal Slider Windows; XX; Fin Installation | LC-PG30 71 x 56-Type HS | ±30 psf |
| 2 | Camelot Crusader Vinyl Horizontal Slider Windows; XX; Frame Installation | LC-PG40 71 x 56-Type HS | ±40 psf |
| 3 | Camelot Crusader Vinyl Horizontal Slider Windows; XX; Fin Installation | LC-PG45 63 x 44-Type HS | ±45 psf |
| 4 | Camelot Crusader Vinyl Horizontal Slider Windows; XX; Frame Installation | LC-PG45 63 x 44-Type HS | +45 / -55 psf |

Product Dimensions:

| System | Overall Size | Sash Size |
|--------|--------------|----------------------------|
| 1 | 71" x 56" | Two (2): 34-1/2" x 52-1/8" |
| 2 | 71" x 56" | Two (2): 34-1/2" x 52-1/8" |
| 3 | 63" x 44" | Two (2): 30-1/2" x 40-1/8" |
| 4 | 63" x 44" | Two (2): 30-1/2" x 40-1/8" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|---------------------------------------|
| 1 | Certification Agency | Keystone |
| | Manufacturer's Name or Code Name | CAR# 86-144 |
| | Product Name | Camelot/Crusader NC Double Slider XX |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |
| 2 | Certification Agency | Keystone |
| | Manufacturer's Name or Code Name | CAR# 86-145 |
| | Product Name | Camelot/Crusader Rep Double Slider XX |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |
| 3 | Certification Agency | Keystone |
| | Manufacturer's Name or Code Name | CAR# 86-146 |
| | Product Name | Camelot/Crusader NC Double Slider XX |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |
| 4 | Certification Agency | Keystone |
| | Manufacturer's Name or Code Name | CAR# 86-147 |
| | Product Name | Camelot/Crusader Rep Double Slider XX |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|------------|------------------|--|
| 1, 2, 3, 4 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

| System | | |
|------------|---------------------------|--|
| 1, 2, 3, 4 | Type of Installation | Install the window in accordance with Northeast Building Products drawing TDI-CRUSADER-2SL, titled: "Camelot Crusader Horizontal Slider XX Window," sheets 1 through 3 of 3, dated 12/21/15, signed, sealed and dated 2-18-2016 by Lucas A. Turner, P.E. |
| | Wall Framing | |
| | Fasteners | |
| | Fastener Location/Spacing | |
| | Fastener Penetration | |

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.